200102421.6 ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | initie. | Ois di | DATE     |
|---------------------------|---------|--------|----------|
| EE DETERMINATION          | કેફે    |        | 12-9.01  |
| D.I.P.E. CLASSIFIER       |         |        |          |
| ORMALITY REVIEW           | Er-     | 922    | 05110101 |
| RESPONSE FORMALITY REVIEW | ^1t     | 885    | 8/3/01   |

## **INDEX OF CLAIMS**

| = |            | 1 .<br>A . | Non-elected Interference Appeal Objected |
|---|------------|------------|--|
| ÷ | Restricted | 0.         | Objected                                 |

|            |               |    |                   |                   |         | =        |          |                |          |                 | •••••    |          | . A      | lowe     | d .      |          |          |          | 1        |          |           |          |             |          |          | Ann              |          | nce      |          |  |  |                 |          |          |   |              |
|------------|---------------|----|-------------------|-------------------|---------|----------|----------|----------------|----------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|-------------|----------|----------|------------------|----------|----------|----------|--|--|-----------------|----------|----------|---|--------------|
|            |               |    |                   |                   |         |          | (1       | hro            | ugi      | h nı            | ımeı     | ral)     | . Ca     | ancel    | ed       |          |          |          |          | •••      | ••••      | •••••    |             | •••••    |          | . Appe<br>. Obje | ctor     | i        |          |  |  |                 |          |          |   |              |
|            |               |    |                   |                   |         | ÷        |          |                | ·····    |                 |          |          | . R      | estric   | cted     | ı        |          |          | 0        |          | •••••     |          | • • • • • • |          |          | . Obje           | CIC      |          |          |  |  |                 |          |          |   |              |
|            |               |    |                   |                   |         |          |          |                |          |                 |          | _        |          |          |          |          |          |          |          |          |           |          |             | 1        | _        |                  |          |          |          |  |  |                 |          |          |   |              |
| CI         | aim           |    |                   |                   |         | Dat      | te       |                |          |                 |          | (        | Clai     | m        |          |          |          | D        | ate      |          |           |          | <del></del> |          | Cla      | im               | 1        |          |          | Da                                     | te   | <del></del>     |          |          | <del>,                                     </del> | 4            |
| -          | $T^{-}$       | 3  | 8                 | 2                 | 4       |          | Γ        |                |          |                 |          |          |          | <u>m</u> |          |          |          |          |          |          | -         |          |             | ļ        |          | ब्र              | 1        |          |          | -                                      | 1  |                 |          |          | !   |              |
| -          | Original      | 19 |                   | 19                | 24      |          | 1        |                |          |                 |          | - 1      | ᇹ        | Original |          |          |          |          |          | 1        |           |          |             |          | Final    | Original         |          |          |          | ļ                                      | Ì  | 1               | 1        | 1        |   | 1            |
| Final      | E             | 02 | رده               | 7                 | 73      |          |          |                | ŀ        |                 |          |          | Final    | 5        | ł        |          | -        |          |          |          | 1         | 1_       |             |          | iĒ       |                  | ╙        |          |          | _                                      | $\perp$  | $\perp$         | 1        | $\perp$  | 1   | 1            |
| "          | Ĭ,            |    |                   | -                 | _       | -        |          | t              | 1-       | t               | H        | ı        |          | 51       |          | 1        |          | $\top$   |          |          | Т         | Т        |             |          |          | 101              |          |          |          |  | L  | L.              |          |          |   | İ            |
| -          | 1             |    | -                 | -                 |         |          | ┼        | +-             | ╁╴       | ╁               | Н        | t        |          | 52       | 十        | +        | +        | $\top$   | 1        | $\top$   | $\top$    | $\top$   | Τ           | 1        |          | 102              |          |          |          | T                                      |  |                 |          | Ţ        | 1   | Ì            |
| -          | 15            | +  | -                 | -                 |         |          | $\vdash$ | ╁              | ┼        | ┼               | $\vdash$ | - 1      |          | 53       | +-       | _        | $^{+}$   | $\top$   | +        | $\top$   | T         | $\top$   | 1           | 1        |          | 103              | ٦        |          |          | T                                      | T  | I               | T        | T        |   | ٦            |
| <u> </u>   |               | 11 |                   |                   |         |          | -        | +-             | ┼        | -               | $\vdash$ | -        | -1       | 54       | +        | +        | +        | +        | +        | +        | t         | +        | +           | 1        |          | 104              | $\top$   | 1        | Г        | 1                                      | $\top$   | T               | T        | $\top$   | T   | ٦            |
| <u> </u> ; | -             | 11 | $\vdash$          | -                 | _       |          | +        | ┼              | +        | ⊢               | $\vdash$ | - 1      | $\dashv$ | 55       | +        | +        | +        | +        | +        | ╅        | +         | +        | +           | 1        |          | 105              |          |          |          |  | Τ  | 1               | T        | T        | T   | ٦            |
|            | 7.            | 11 | _                 | Щ                 | -       | -        | ╄        | ┼-             | ╀        | ╀               | $\vdash$ | . 1      | _        | 56       | +        | +        | +        | +        | +        | +        | +         | +        | +-          | 1        |          | 106              |          |          |          | T                                      | T  | T               | T        | T        | $\top$  | ٦            |
| k_         | 7             | *  | "                 | _                 |         | _        | ↓_       | 1-             | ╄        | +               | Н        | 1        |          | 57       | ╁        | +        | +        | +        | +        | ┿        | +         | +        | +           | 1        | -        | 107              | +        | +-       | T        | +                                      | $\top$   | $\top$          | $\top$   | T        | $\top$  | ٦            |
| Ľ          | 7             |    | $\coprod$         | •                 | 4       | 1_       | 1_       | 4              | 4        | ┼               | -        | H        |          |          | +        | +        | +        | +        |          | ╫        | +         | +        | +           | -        | -        | 108              | +        | +        | T        | +                                      | +  | 十               | +        | +        | 十   | ٦            |
| ᆫ          |               | 3  | Ш                 | 1                 | N       | L        | 1_       | 1              | 1        | $\perp$         | ↓_       |          |          | 58       | +        | +        | +        |          |          | +        | +         | +        | +-          | -        | -        | 109              | +        | +        | t        | +                                      | +  | +               | +        | +        | +   | ٦            |
| Œ          |               | 9  |                   | Ш                 | Ш       | L        | _        | 1              | $\perp$  | 1               | 1_       |          |          | 59       | +        | +        | +        |          | +        | +        | +         | +        | +-          | $\dashv$ | $\vdash$ | 110              | +        | +        | t        | +                                      | +  | +               | +        | +        | +   | ᅥ            |
|            | 1             |    | 1                 | L                 | Ц       |          |          |                | 上        | _               | ↓_       |          |          | 60       | 4        | +        | +        |          | -        | +        | +         | +        | +-          | -        | $\vdash$ | 111              | +        | +-       | ╁        | +                                      | ╁  | +               | +        | +        | +   | ٦            |
| Г          | 1             | 1  | П                 | Ш                 | П       |          |          | $\perp$        | ┸        | _               | _        |          | <u> </u> | 61       | 4        | -        | 4        | +        | -+       |          | +         | +        | +           | $\dashv$ | -        | 112              | +        | +-       | ╀        | +                                      | +  | +               | +        | +        | +   | ┪            |
|            | 1.            | 2  | П                 | П                 | П       |          |          |                |          | 1_              |          |          |          | 62       | $\perp$  | 4        | _        |          | -        | 4        | +         | +        |             | -        | -        | +                | +        | +-       | ╁        | +                                      | +  | +               | +        | +        | +   | -            |
| -          | 1             | 3  | П                 | П                 | П       | 1        | T        | Т              | Т        |                 | Τ        | ]        | L        | 63       | _        |          | _        | $\dashv$ | 4        |          | 4         | _        | 4           | 4        | -        | 113              | +        | +        | ╀        | +                                      | +  | +               | +        | +        | +   | _            |
| <b>-</b>   | 1             | 4  | 11                | 11                | П       | 1        |          |                | Т        | T               | Т        | ] '      |          | 64       |          |          | _        | $\perp$  | $\perp$  | _        | _         | 4        | 4           | _        | $\perp$  | 114              | +        | +-       | +        | +                                      | +  | +               | +        | +        | +   | _            |
|            | 1             |    | $\dagger \dagger$ | tt                | П       | 1        | 1        | T              | 1        | Т               | Т        | 1        |          | 65       |          |          |          |          | $\perp$  | $\perp$  |           |          | _ _         | _        | <u>_</u> | 115              | _        | 4        | +        | +                                      | +  | +               | +        | +        | +   | _            |
| H          |               | 6  | H                 | $\dagger \dagger$ | Ħ       | 1        | T        | T              | 1        | 1               | T        | 1        |          | 66       |          |          |          |          |          | $\perp$  |           | _        |             | _        | <u> </u> | 116              | $\perp$  | _        | +        | 4                                      | 4  | +               | +        | $\dashv$ | +   |              |
| <u> </u>   | _             | 7  | 11                | 11                | Ħ       | $\top$   | 十        | $\top$         | $\top$   | 1               | 1        | 1        |          | 67       | T        |          |          | $^{-1}$  |          |          | $\perp$   |          |             |          | L        | 117              | 4        |          | 1        | 4                                      | $\bot$   | +               | 4        | +        | +   |              |
| H          |               | 8  | ++                | ╁╂                | H       | +        | +-       | +              | +        | +               | +-       | 1        | $\vdash$ | 68       | ヿ        | $\neg$   |          |          |          |          | П         |          |             |          | L        | 118              | $\perp$  |          | 1        | $\perp$                                | _  | 4               | 4        | _        | $\dashv$  |              |
| ا: و       |               | 9  | #                 | ++                | 1       | ╁        | +        | +              | +        | +               | +        | 1        | $\vdash$ | 69       | $\neg$   |          |          |          |          | T        | T         |          |             |          |          | 119              |          |          |          |  | $\perp$  | $\perp$         | 4        | _        | _   |              |
| 4          |               |    | 4                 | ╁                 | 1       | _        | +        | +              | +        | +               | +-       | ┪        | H        | 70       | 7        | _        |          |          |          | _        | $\exists$ |          |             |          |          | 120              |          |          |          |  | -  |                 | -        | 1        | - 1   |              |
| 3          |               | 9  | Y                 | 1                 | 1       | 4        | +        | +              | +        | +-              | ┿        | 4        | -        | 71       | $\dashv$ |          | -+       | -        | -+       | $\dashv$ | $\dashv$  | 寸        | _           | _        |          | 121              | $\neg$   | $\neg$   | T        | $\top$                                 | Т  |                 | Т        |          | ٦   |              |
| L          |               | 21 | 4-                | 44                | 44      | _        | 4        | +              |          | +               | +        | -        | $\vdash$ | 72       | -1       | $\dashv$ | -        | $\dashv$ | -        | -+       | _         | 十        | +           | $\dashv$ |          | 122              | 寸        |          | T        | $\neg$                                 | $\neg$   | T               | $\neg$   |          | ╗   |              |
| ٠ إ        |               | 2  | $\downarrow$      | ¥                 | 41      | ╄.       | $\perp$  | 4              | 4        | +               |          | 4        | -        | 73       | -        |          | -        |          | $\dashv$ | -+       | -+        | 一        | $\dashv$    | $\dashv$ | <br> -   | 123              | 1        |          | 1        | 寸                                      | $\neg$   | $\neg$          | $\neg$   | $\neg$   | П   | _            |
| Ļ          |               | 23 | $\bot$            | 1                 | 44      | 1        | _        | -              | 4        | +               | +        | 4        | -        | 74       |          |          |          | $\dashv$ | $\dashv$ | -        | -+        | _        | +           | $\dashv$ | $\vdash$ | 124              | ┪        | +        | 1        | $\top$                                 | $\neg$   | $\neg$          | $\neg$   | $\neg$   | T   |              |
| ;          | _             | 24 | $\perp$           | L                 | Ц       | 4-       | $\perp$  | _              | 4        | 4               | $\perp$  | 4        | -        |          |          | -        |          |          | -        | -+       |           | -+       | $\dashv$    | $\dashv$ | $\vdash$ | 125              | +        | +        | +        | $\dashv$                               | 十  | 十               | _        |          | ╛   | _            |
| Ĺ          |               | 25 |                   |                   | Ш       | Ш        |          |                | $\perp$  | _}              | _        | 4        | $\vdash$ | 75       |          | _        | -        |          | $\vdash$ | -        | -         | $\dashv$ | +           | -        | -        | 126              | -+       | $\dashv$ | +        | $\dashv$                               | _  | 十               | 一        | $\neg$   |   | _            |
| L          |               | 26 | ᆚ                 | _                 | $\perp$ | Щ        | $\perp$  |                | $\perp$  |                 | _        | 4        | <u> </u> | 76       |          | _        | <u> </u> | _        | -        |          |           | $\dashv$ | $\dashv$    | $\dashv$ | -        | 127              | -+       | 十        | +        | -                                      | 十  | $\dashv$        | 一        |          | $\dashv$  | _            |
|            |               | 27 |                   | 1                 |         | Ш        |          | _              | $\perp$  |                 |          | 4        | L        | 77       | ш        |          | _        |          | $\vdash$ |          |           | -        | +           | -        | -        | 128              | -        | +        | +        | $\dashv$                               | -  | -               | -        |          |   | Г            |
| . [        |               | 28 | Т                 |                   |         | Ш        |          |                |          |                 | $\perp$  | _        | L        | 78       |          | _        |          | _        |          |          | -         | -        | -+          | $\dashv$ | -        | 129              | $\dashv$ |          | +        | $\dashv$                               | -  | -               | -        |          | М   | Г            |
| . [        | 7             | 29 |                   |                   | T       | П        |          |                |          |                 |          |          | L        | 79       |          |          | L        | <u> </u> |          |          |           |          | -           |          | -        |                  | -1       | +        | $\dashv$ | $\dashv$                               | -  | -               | $\dashv$ | mi       |   | r            |
| <i>*</i>   | $\neg$        | 30 | T                 | T                 | Т       | П        | T        | 7              | T        |                 |          |          |          | 80       |          | L_       |          | L        | L        |          |           | Ĺ        | $\sqcup$    | _        | -        | 130              | -        | -+       | -        | $\dashv$                               | $\dashv$                                       | -               | -        | Η-       | $\vdash$  | -            |
| _          |               | 31 | 7                 |                   | ٦,      | V        |          |                | T        |                 |          |          |          | 81       |          | _        | L        | _        | ļ_       |          |           |          |             | 4        | -        | 131              |          | +        | -        | $\dashv$                               |  | $\dashv$        | -        | -        | -   | ┝            |
|            |               | 32 | $\top$            | 1                 | 7       | _        |          |                | ┪        |                 |          | 7        |          | 82       |          |          |          |          |          |          |           |          |             | _        | -        | 132              | _        | -+       | -        | $\dashv$                               | -  | $\vdash$        | _        | -        | H   | ⊦            |
|            |               | 33 | +                 |                   | +       | 1        | _†       | $\neg$         |          | $\neg$          | $\top$   | 7        |          | 83       |          | L        |          |          | _        |          | L         | _        | Ш           | _        | L        | 133              |          | $\dashv$ | 4        |  | _  | $\vdash \vdash$ |          | -        | ├   | +            |
|            | $\dashv$      | 34 | $\dashv$          | +                 | +       | +        | $\dashv$ | 7              | _        | 7               | 1        | ٦        | Γ        | 84       |          |          | L        |          |          |          | L         | L        | $\sqcup$    | $\Box$   | L        | 134              |          | _        | _        | $\dashv$                               | لـــا  | $\vdash$        | ļ!       | -        | <del>                                     </del>  | +            |
|            |               | 35 | $\dashv$          | +                 | $^{+}$  | +        | _        | -              | _        | 1               | +        |          |          | 85       |          |          |          |          | $\perp$  |          |           |          | Ш           |          | L        | 135              |          | _        | _        | Ш                                      | لـــا  | Ш               |          | ₩        | ₩-  | +            |
|            | $\vdash$      | 36 | +                 | +                 | +       | $\dashv$ | 寸        | -+             |          |                 | +        | 7        |          | 86       |          |          | Г        | Γ        |          |          |           | Ĺ        | $\Box$      |          | L        | 136              |          | _        | _        | Ш                                      | <u> </u>                                       | Ш               | _        | ـ        | ₩-  | Ļ            |
|            |               | 37 | -+                | +                 | +       | +        | $\dashv$ | $\dashv$       | -        | $\dashv$        | 十        | 7        | -        | 87       |          | Τ        | Τ        |          |          | Π        |           |          |             |          |          | 137              | -        |          |          | Ш                                      | <u> </u>                                       |                 | <b>_</b> | <u>_</u> | 1   | +            |
|            |               | 38 | +                 | +                 | +       | -        | $\dashv$ | $\dashv$       | -        | $\dashv$        | +        | $\dashv$ | r        | 88       | _        | 1        | 1        | T        |          | Π        | Г         | Γ        |             |          | ſ        | 138              |          |          |          |  | _  | $oxed{oxed}$    | <u>_</u> | 1_       | $\perp$   | $\downarrow$ |
|            | <del> -</del> | 39 |                   | $\dashv$          | +       | +        |          | -              |          | -               | +        | $\dashv$ | H        | 89       |          | $\vdash$ | 1        | $\top$   | 1        | 1        |           | Г        |             |          | Γ        | 139              |          |          |          |  | _  | _               | L        | 1        | $\perp$   | 1            |
|            | <u> </u>      | -  | $\dashv$          | +                 | -+      | -        | $\dashv$ |                | _        | $\vdash \dashv$ | -+       | $\dashv$ | -        | 90       | +        | 1        | +        | T        | 1        |          |           | Γ        | П           |          |          | 140              |          |          |          |  |  |                 | L        | L        | L   | 1            |
|            | ÷             | 40 | 4                 |                   | -       | -        |          | $\vdash\dashv$ | _        |                 | $\dashv$ | $\dashv$ | H        | 91       |          | ┿        | +        | +        | +-       | 1        | 1         | T        | $\vdash$    | $\dashv$ | -        | 14               |          |          |          |  |  | Γ               |          |          |   | 1            |
|            | Ŀ             | 41 | $\perp$           | $\perp$           | 4       | _        | $\Box$   | Ш              | <u> </u> | Ш               | +        |          | -        |          |          | +-       | +-       | +-       | +        | +        | +-        | +-       | +           | $\vdash$ | ŀ        | 14               | -        | $\vdash$ |          |  |  | $\vdash$        |          | $\top$   |   | T            |
|            | _             | 42 | $\perp$           |                   | _       |          |          |                |          |                 | $\perp$  | _        | +        | 92       |          | +        | +        | +        | +-       | +        | $\vdash$  | ╁        | +-          | Н        | ŀ        | 14               | _        | $\vdash$ |          | $\vdash$                               | $\vdash$                                       | t               | $\vdash$ | $T^-$    | T   | T            |
|            | Ĺ             | 43 |                   | $\perp$           |         |          | L        |                | _        |                 | $\sqcup$ | 4        | -        | 93       |          | +        | +        | +-       | +-       | +-       | +         | +-       | +-          | $\vdash$ | -        | 14               |          | $\vdash$ |          | $\vdash$                               | <u>†                                      </u> | +               | 1        | $t^-$    | +   | †            |
|            | 1             | 44 |                   |                   |         |          |          |                |          |                 |          | _        |          | 9        |          | 1        | 4        | $\perp$  | 1        |          | ↓_        | +        | +           | $\vdash$ | +        | 14               |          | $\vdash$ |          | +-                                     | +  | $\vdash$        | +        | +        | +   | †            |
| •          |               | 45 | T                 |                   |         |          |          |                |          |                 | Ш        | _        | 1        | 95       |          | 1        | +        |          | 1        | ┿.       | +         | $\vdash$ | +-          | Н        | -        | 14               |          | $\vdash$ | _        | +                                      | +-   | +-              | +        | +-       | +   | +            |
|            |               | 46 |                   |                   |         |          |          |                |          |                 |          |          | L        | 96       |          | $\perp$  | $\perp$  | 1_       | _        | 4        | 4         | +        | +-          | $\sqcup$ | }        |                  |          | $\vdash$ | _        | +-                                     | +-   | +-              | +        | +        | +   | +            |
|            |               | 47 | _                 | $\neg$            |         |          |          |                |          |                 |          |          |          | 97       |          | 1        | $\perp$  | $\perp$  |          | 1_       | 1         | 1        | 4           | Ш        |          | 14               |          | $\vdash$ |          | -                                      | +  | +-              | +        | +        | +-  | +            |
|            |               | 48 | $\neg$            | _                 |         |          | Γ        | T              |          |                 | П        |          | ſ        | 98       |          |          | $\perp$  | 1        | $\perp$  | 1        | 1         | 4        | 1           | $\sqcup$ |          | 14               |          | -        |          | +                                      | +  | +               | +-       | +-       | +   | +            |
|            | $\vdash$      | 49 | -                 | 一                 | -       |          |          | Π              |          | 1               |          |          | Ī        | 9        |          | I        |          | L        |          | 1_       | 1         | $\perp$  | 1           | $\sqcup$ |          | 14               | 9        | $\vdash$ |          | +-                                     | +  | +-              | +        | +-       | +-  | +            |
|            | -             | 50 | $\vdash$          | - 1               |         | Г        |          | $\Gamma$       | Γ        |                 |          |          | [        | 10       | ю        |          | _[_      |          |          | ┸        |           | 1_       |             | لــــا   | 1        | 15               | u_       | 11       |          | ــــــــــــــــــــــــــــــــــــــ | 1_   |                 | 1        |          |   | _            |
|            |               | 1  | _                 |                   |         |          |          |                |          |                 |          |          |          |          |          |          |          |          |          |          |           |          |             |          |          |                  |          |          |          |  |  |                 |          |          |   |              |

If more than 150 claims or 10 actions staple additional sheet here

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